

This Page Is Inserted by IFW Operations
and is not a part of the Official Record

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

IMAGES ARE BEST AVAILABLE COPY.

**As rescanning documents *will not* correct images,
please do not report the images to the
Image Problem Mailbox.**



FW\$

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NUMBER	FILING OR 371 (c) DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/736,232	12/15/2003	Godwin Liu	22126.0002U1

23859
NEEDLE & ROSENBERG, P.C.
SUITE 1000
999 PEACHTREE STREET
ATLANTA, GA 30309-3915

RECEIVED

JUL 19 2004

NEEDLE & ROSENBERG

CONFIRMATION NO. 3147

FORMALITIES LETTER



OC000000013233527

Date Mailed: 07/14/2004

NOTICE OF INCOMPLETE REPLY (NONPROVISIONAL)*Filing Date Granted*

The U.S. Patent and Trademark Office has received your reply on 06/28/2004 to the Notice to File Missing Parts (Notice) mailed 03/25/2004 and it has been entered into the nonprovisional application. The reply, however, does not include the following items required in the Notice.

The period of reply remains as set forth in the Notice. You may, however, obtain EXTENSIONS OF TIME under the provisions of 37 CFR 1.136 (a) accompanied by the appropriate fee (37 CFR 1.17(a)).

A complete reply must be timely filed to prevent ABANDONMENT of the above-identified application. Replies should be mailed to: Mail Stop Missing Parts, Commissioner for Patents, P.O. Box 1450, Alexandria VA 22313-1450.

The application is informal since it does not comply with the regulations for the reason(s) indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:

- Replacement drawings in compliance with 37 CFR 1.84 and 37 CFR 1.121 are required. The drawings submitted are not acceptable because:
 - The drawings submitted to the Office are not electronically reproducible. Drawing sheets must be submitted on paper, which is flexible, strong, white, smooth, non-shiny, and durable (see 37 CFR 1.84(e)). See Figure(s) 4,9,10,11.

Replies should be mailed to: Mail Stop Missing Parts
Commissioner for Patents
P.O. Box 1450
Alexandria VA 22313-1450

DDP/MST
Date 7/21/04

*A copy of this notice **MUST** be returned with the reply.*

K. Lee

Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 1 - ATTORNEY/APPLICANT COPY



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Application of:)

Liu *et al.*)

Serial No.: 10/736,232)

Filed: December 15, 2003)

For: "SYSTEM FOR PRODUCING AN
ULTRASOUND IMAGE USING
LINE-BASED IMAGE
RECONSTRUCTION")

Group Art Unit: TBA

Confirmation No.: 3147

Examiner: TBA

TRANSMITTAL LETTER

MAIL STOP MISSING PARTS

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

NEEDLE & ROSENBERG, P.C.

Customer No. 23859

Sir:

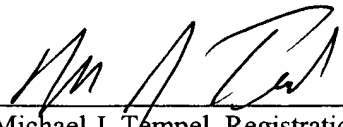
Enclosed please find:

1. Response to Notice of Incomplete Reply (Nonprovisional) (2 pp.);
2. Copy of Notice of Incomplete Reply (Nonprovisional) (2 pp.);
3. Copy of Returned Postcard (1 pg.);
4. Request for Two-Month Extension of Time (2 pp.);
5. Credit Card Payment Form PTO-2038 in the amount of \$155.00 (1 pg.);
6. Certificate of Mailing dated July 22, 2004; and
7. Return Postcard.

No additional fees are believed due, however, the Commissioner is hereby authorized to charge any deficiency or credit any overpayment to Deposit Account No. 14-0629.

Respectfully submitted,

NEEDLE & ROSENBERG, P.C.


Michael J. Tempel, Registration No. 41,344

NEEDLE & ROSENBERG, P.C.

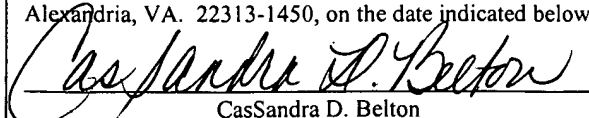
Customer Number 23859

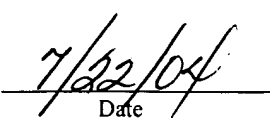
(678) 420-9300 (Phone)

(678) 420-9301 (Facsimile)

CERTIFICATE OF MAILING

I hereby certify that this correspondence and the documents mentioned therein are being deposited with the United States Postal Service in an envelope addressed to: MAIL STOP MISSING PARTS, Commissioner for Patents, P.O. Box 1450, Alexandria, VA. 22313-1450, on the date indicated below.


Casandra D. Belton


Date 7/22/04



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)		
)		
Liu <i>et al.</i>)	Group Art Unit:	TBA
)		
Serial No.: 10/736,232)	Confirmation No.:	3147
)		
Filed: December 15, 2003)	Examiner:	TBA
)		
For: "SYSTEM FOR PRODUCING AN)		
ULTRASOUND IMAGE USING)		
LINE-BASED IMAGE)		
RECONSTRUCTION")		

RESPONSE TO NOTICE OF INCOMPLETE REPLY (NONPROVISIONAL)

MAIL STOP MISSING PARTS
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

NEEDLE & ROSENBERG, P.C.
Customer No. 23859

Sir:

In response to the Notice of Incomplete Reply (Nonprovisional) dated July 14, 2004, the replacement drawings in compliance with 37 CFR §1.84 and 37 CFR §1.121 were submitted to the U.S. Patent and Trademark Office (USPTO) on June 29, 2004. A copy of the returned postcard acknowledging receipt of the Formal Drawings by the USPTO is enclosed.

Applicants also enclose a Credit Card Payment Form PTO-2038 in the amount of \$155.00 representing the balance due for a Two-Month Extension of Time (\$210.00 - \$55.00 = \$155.00) because payment for a One Month Extension of Time was included in the Response filed on June 24, 2004.

No other fees are believed due, however, the Commissioner is hereby authorized to charge any deficiency or credit any overpayment to Deposit Account No. 14-0629.

Respectfully submitted,

NEEDLE & ROSENBERG, P.C.

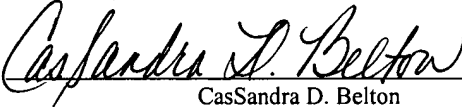
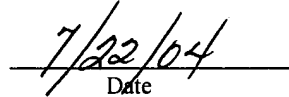


Michael J. Tempel
Registration No. 41,344

NEEDLE & ROSENBERG, P.C.
Customer Number 23859
(678) 420-9300 (Phone)
(678) 420-9301 (Facsimile)

CERTIFICATE OF MAILING

I hereby certify that this correspondence and the documents mentioned therein are being deposited with the United States Postal Service in an envelope addressed to: MAIL STOP MISSING PARTS, Commissioner for Patents, P.O. Box 1450, Alexandria, VA. 22313-1450, on the date indicated below.


CasSandra D. Belton
Date

RECEIVED IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

RECEIVED

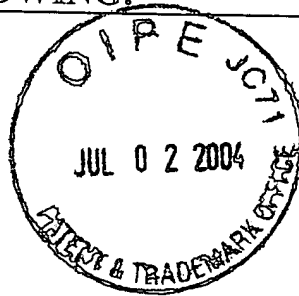
Commissioner for Patent
P. O. Box 1450
Alexandria, VA 22313-1450

JUL 09 2004

NEEDLE & ROSENBERG

SIR: PLEASE ACKNOWLEDGE RECEIPT OF THE FOLLOWING:

1. Transmittal Letter (1 pg.);
2. Submission of Formal Drawings (1 pg.);
3. Formal Drawings FIGS. 1-11 (10 pgs.);
4. Certificate of Mailing dated June 29, 2004; and
5. Return Postcard.



In RE Application of: *Liu et al.*

Title: "SYSTEM FOR PRODUCING AN ULTRASOUND IMAGE USING LINE-BASED
IMAGE RECONSTRUCTION"

Serial No.: 10/736,232

N&R No.:

22126.0002U1

Filed: December 15, 2003

Confirmation No.:

3147

Client Ref. No.: N/A

Attorney/Sec'y.:

MJT:cdb

225896

D&P / MJT